

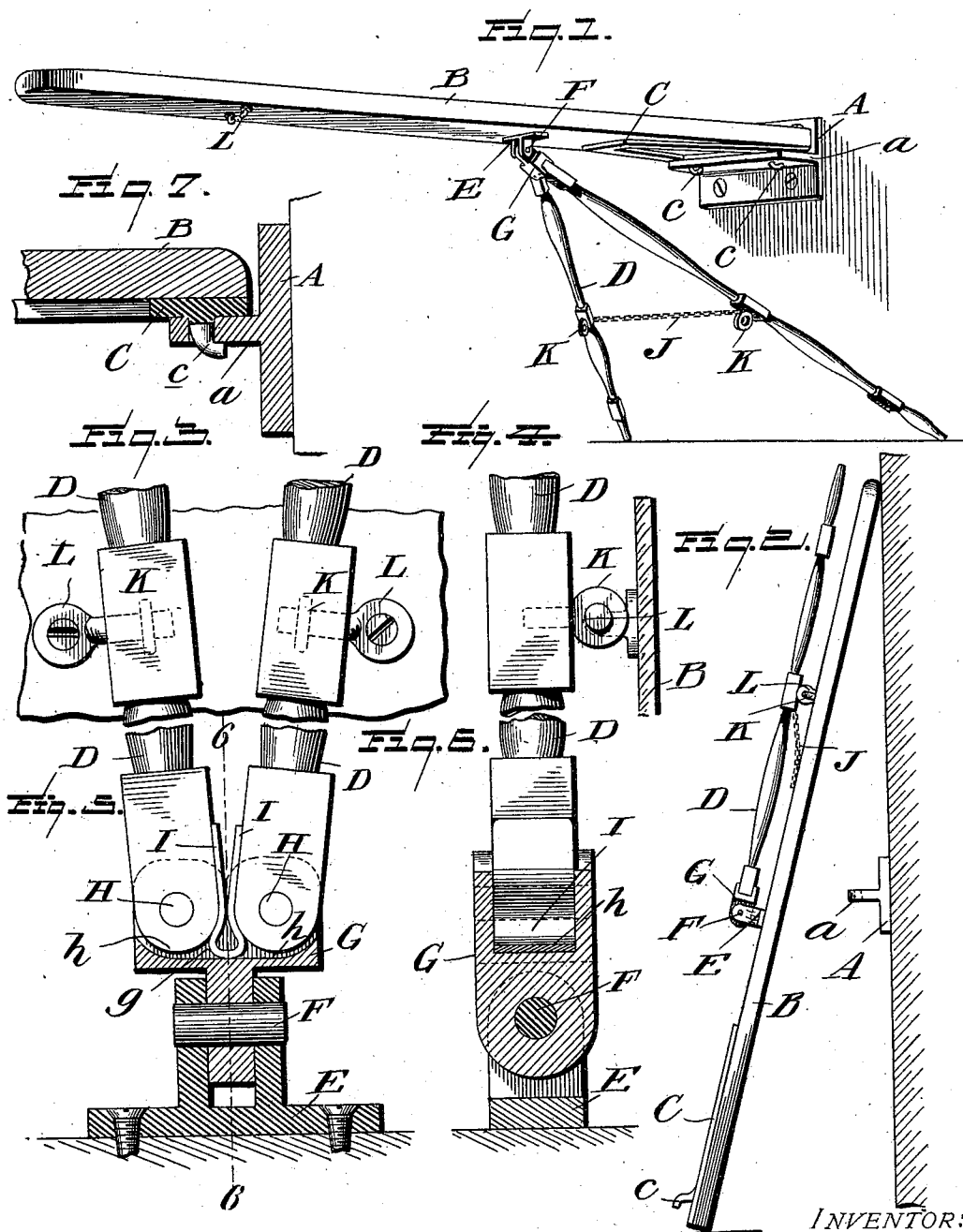
No. 664,148.

Patented Dec. 18, 1900.

J. HERPEL.
IRONING BOARD.

(Application filed Feb. 20, 1900.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN HERPEL, OF EVANSVILLE, INDIANA.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 664,148, dated December 18, 1900.

Application filed February 20, 1900. Serial No. 5,907. (No model.)

To all whom it may concern:

Be it known that I, JOHN HERPEL, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to certain new and useful improvements in ironing-boards of that class which are designed for detachable support and to be folded into small space when not in use.

The present invention has for its object, among others, to provide an improved ironing-board of this character; and to that end it consists in the novel features of construction and the combinations and arrangement of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view showing the ironing-board in position for use. Fig. 2 is an elevation showing the board detached from its wall-support and the legs folded against the board. Fig. 3 is an enlarged detail showing portions of the legs and the means for holding them in their folded condition. Fig. 4 is a view at right angles to Fig. 3. Fig. 5 is an enlarged detail, partly in elevation and partly in section, of the pivot end of the legs. Fig. 6 is a vertical section on the line 6 6 of Fig. 5. Fig. 7 is a sectional detail showing the engagement of the hook on the under side of the board with the wall-plate.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates a plate or casting designed to be secured to a wall or any other suitable support, as by screws, as shown in Fig. 1, and this plate or casting is formed with the horizontal portion *a*, having the vertical holes for a purpose which will hereinafter be described.

B is the ironing-board. It has affixed thereto and movable therewith a plate or casting C, provided with the hooks *c*, which are curved

or bent, as seen best in Figs. 2 and 7, and which are adapted to engage in the holes in the lateral portion of the plate A, as seen best in Fig. 7.

D represents the legs. They are pivotally mounted on a casting E, attached to the under side of the board B, in which casting is held the shaft or pin F, and on this shaft or pin is pivotally mounted the block G, which is bifurcated, as shown, and in the bifurcation is formed a recess or chamber *g* to receive the rounded ends *h* of the legs, each of which is mounted upon a pivot-pin H, which pins are held in the side walls of the bifurcation of the said block, as seen best in Fig. 5. I is a spring arranged in this recess or chamber between the ends of the legs, as shown clearly in Fig. 5, with the arms thereof bearing one against each leg, as is also best shown in said Fig. 5. This spring serves to spread the legs as soon as they are disengaged from the means which hold them in their folded position and which will soon be described. The legs are prevented from spreading too far by the chain or analogous means J, attached to the legs near their mid-length.

K represents screw-eyes or analogous devices on the legs between their ends, as seen best in Fig. 1, and these are adapted to receive the hooks or analogous means L on the under side of the board B, near its end farthest from the wall when in operative position.

With the parts constructed and arranged substantially as above set forth the operation is as follows: Normally when not in use the legs are folded against the under side of the board and the free ends of the legs drawn toward each other, the hooks L on the under side of the board being then engaged in the screw-eyes K of the legs, and thus the legs will be held not only in their folded position, but also against the under side of the board B. The board may be placed against the wall, as indicated in Fig. 2, or in any other convenient place. When it is desired to use the same, the board is placed in the position in which it is seen in Fig. 1, with the hooks *c* engaged in the holes in the horizontal portion of the plate A and the legs drawn together till their screw-eyes are disengaged from the hooks L. Then the legs may be thrown down into the position in which they

are seen in Fig. 1, the spring I serving to spread the legs as soon as they are disengaged from their securing means on the under side of the board and the chain J preventing them from spreading beyond a predetermined point. The lower ends of the legs engaging in the angle formed at the junction of the wall and the floor serve to strongly brace the board and enable it to sustain the weight placed upon it.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What is claimed as new is—

1. The combination with the board, of the plate attached to the under side thereof, the legs pivotally connected with said plate, the spring for spreading the legs, and the means on the said board and legs for holding the latter in their closed and folded position, as set forth.

2. The combination of an ironing-board

having hooks on the under side thereof, foldable legs spread by an interposed spring, and eyes on the legs to engage the hooks on the board as herein set forth.

3. The ironing-board described, consisting of the board provided with a casting having hooks, the wall-plate having a lateral portion provided with openings, the plate on the under side of the board, the block pivotally connected therewith, the legs pivotally mounted in said block, the means for spreading the legs, means for preventing undue spreading, and the means for holding the legs in their closed and folded condition against the under side of the board, all substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN HERPEL.

Witnesses:

JOHN A. KOCH,

ALBERT W. BUTLER.